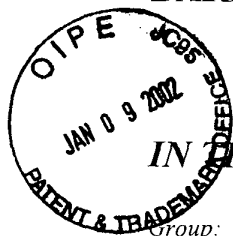


BARNES & THORNBURG



11 South Meridian Street
Indianapolis, Indiana 46204
(317) 236-1313

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Group: 1765
Confirmation No.: 6692
Application No.: 09/853,467
Invention: METHOD AND DEVICE FOR
CONTROLLING CRYSTAL
GROWTH
Applicant: Terry Lee Bray
Filed: 11 May 2001
Attorney
Docket: 30705-68918
Examiner: Unknown

Certificate Under 37 CFR 1.8(a)

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on November 7, 2001

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(Signature)

Garla L. Twyman
(Printed Name)

REVOCATION AND APPOINTMENT OF POWER OF ATTORNEY

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

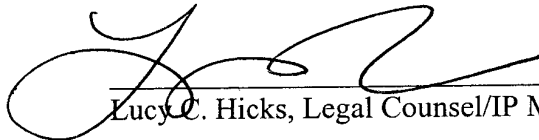
I, Lucy C. Hicks, Legal Counsel/IP Manager, UAB Research Foundation, the
assignee of the above patent application, hereby revoke all prior powers of attorney in this
application and hereby appoint as principal attorneys:

I hereby appoint William R. Coffey, Reg. No. 24023; Arland T. Stein, Reg.
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44708, as attorneys/agents of record with full power of substitution and revocation, to
prosecute this application, and to transact all business in the Patent and Trademark Office
connected therewith, and I specify that communications regarding the application be directed
to:

BARNES & THORNBURG
11 South Meridian Street
Indianapolis, Indiana 46204
Telephone (317) 236-1313

Oct 26 2001
Date


Lucy C. Hicks, Legal Counsel/IP Manager